

Cal OES Daily Situation Report

March 7, 2014



Cal OES
GOVERNOR'S OFFICE
OF EMERGENCY SERVICES

| Duty Officer | |
|------------------------------------|--|
| EDO | Jim Ayre |
| CSWC Watch Officer | Ronald DeMayo (Day), Chuck Bickinella (Night) |
| FDO | Joe Gear |
| LDO | Paul Walters |
| IDO | Deborah Vercammen |
| CDO | Nancy Smith |
| SDO | Sherryl Jones |
| PIO | Kelly Huston |
| TCOM | Jeffrey Howell |
| IT | James Hancock |
| EQTP | Mark Johnson |
| Tribal Liaison POC | Denise Banker |
| Access and Functional Needs POC | Richard Devylder |

National Terrorism Advisory System Current Alerts



SITUATION SUMMARY

- SOC / Inland REOC remains activated in support of 2014 Drought
- A series of disturbances are currently forecast to bring periods of wet weather to much of California throughout the week. Warmer weather is expected to return by this weekend.
- Red Flag Warning is in effect from Friday morning through Friday evening for strong winds and low relative humidity for the Colorado River Valley of San Bernardino County.

"El Nino Watch"

An "El Nino Watch" was issued on 03/06/14 by the NOAA Climate Prediction Center. This means "conditions are favorable for the development of El Niño or La Niña conditions within the next six months."

The most important points now are:

- This is not a certainty at this point - but conditions are favorable for El Niño to develop.
- The strength of any El Niño is unknown at this time - much too early to predict that.
- The strength of the El Niño is very important to determine the impacts on our area.
- We must now take a wait and see approach as to how this potential event evolves.
- It's much too early to say if this event will end a drought - so must be careful to continue practicing and preaching water conservation given our ongoing conditions.

See attached El Nino Fact Sheet for more information.

Near Term Outlook:

- Dry and mild weather will prevail over the state through Saturday. A storm system will move through Northern California Sunday and Monday. This will bring moderate rain and high elevation snow to the northern half of the state. Dry conditions will prevail for the remainder of next week.

Longer Term Outlook:

- Below normal precipitation and above normal temperatures expected the week of March 10, 2014.



WEATHER

WEATHER SYNOPSIS BY REGION:

NORTHERN CALIFORNIA AND CENTRAL COASTAL AREAS:

Eureka Weather:

High pressure moved into the area overnight and will continue today and Saturday. The next system will bring moderate to heavy rain Saturday night and Sunday morning. A return to a drier pattern is expected next week.

San Francisco Weather:

High pressure will bring mostly sunny and seasonably mild temperatures to the Bay Area today through Saturday. A warm front will move into the North Bay Sunday with a chance of light rain. Rain chances will spread southward into the greater Bay Area on Monday, with showers ending by Monday evening as high pressure begins to build. Expect mild and dry conditions Tuesday through Friday.

CENTRAL CALIFORNIA AND SOUTHERN SAN JOAQUIN VALLEY

Sacramento Weather:

Dry and mild conditions are expected through Saturday. A disturbance Sunday into Monday will bring another chance of precipitation to the area. Dry and mild conditions return for Tuesday and Wednesday.

Hanford Weather:

Dry and mild conditions expected through the weekend as a weak high pressure ridge builds into the region.

WEATHER SYNOPSIS BY REGION: (Con't)

SOUTHERN CALIFORNIA:

Los Angeles Weather:

Gusty winds will continue into this morning. High pressure will build with offshore winds to warm the weekend temperatures to above normal with less cloudiness for coast and valleys. The upper high will move east and a weak upper low will pass to the north early next week for more clouds and cooler temperatures on Monday and Tuesday. A high will approach by midweek for warming temperatures in the last half of the week.

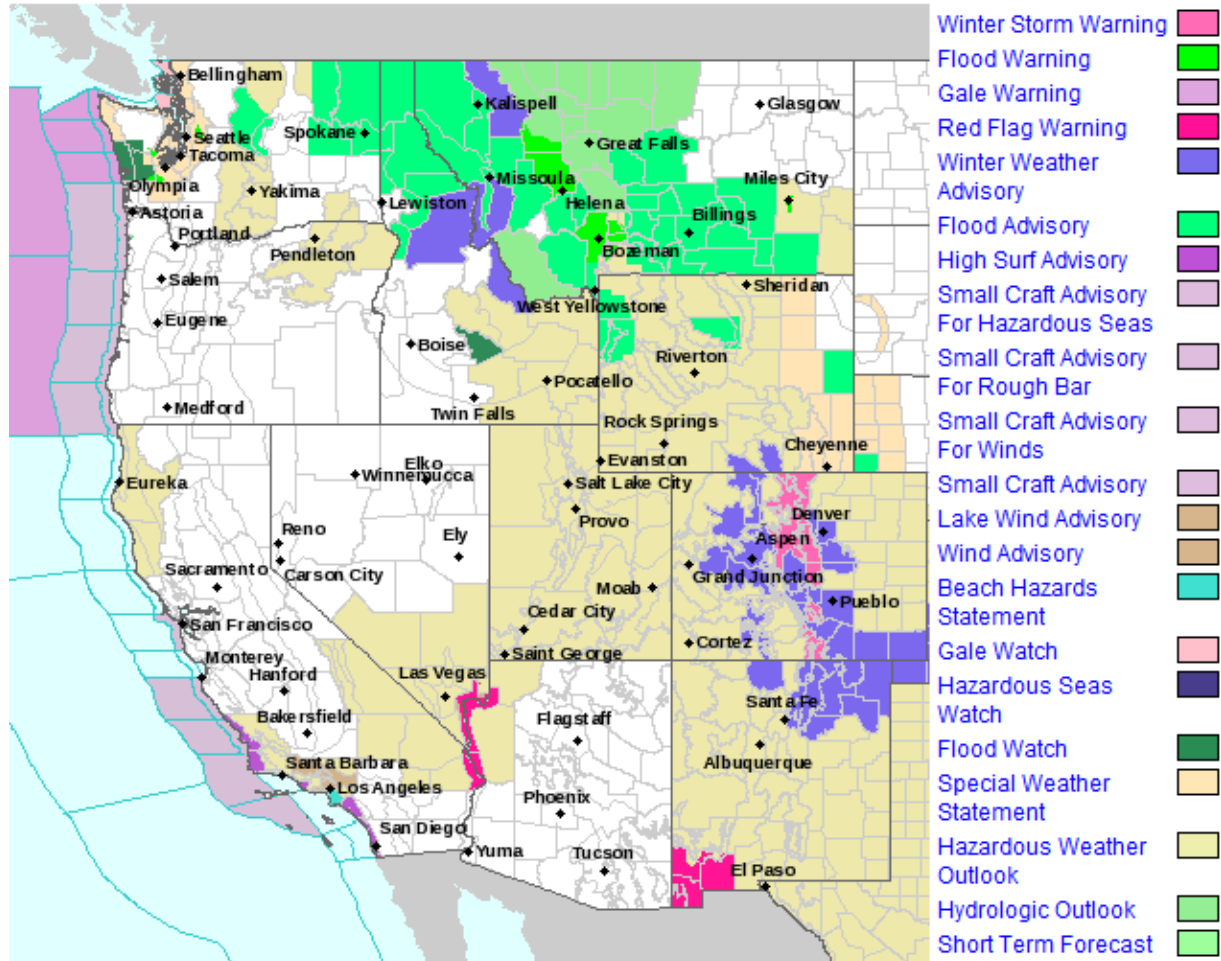
Extreme Southwestern California Including Orange, San Diego, Western Riverside and Southwestern San Bernardino Counties:

Expect cool with a mostly cloudy start in the coastal basin today, with clearing, sunny skies. Offshore flow will develop today and tonight producing areas of strong gusty winds from the northeast below passes and canyons through Saturday morning. Fair and very warm weather for all areas is expected this weekend. Coastal clouds return Sunday night through Monday night with cooler onshore flow Monday and Tuesday. Fair and warmer weather is expected Wednesday and Thursday with building high pressure and offshore flow.

Southeast California Weather:

Much of the area will experience gusty north winds behind a cold front today, but the strongest winds will be down the Colorado River Valley. Lighter winds are expected Saturday but breezy conditions are still possible down the river. Dry weather is expected through the weekend. Temperatures will be near normal through Saturday then rise to several degrees above normal on Sunday.

STATE WEATHER MAP



Last map update: Mar, 7th 2014 at 10:01:12 am MST



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FIRE ACTIVITY



Preparedness Levels:

National Preparedness Level 1

Northern California

Preparedness Level 1 Multi-Agency Coordination System MACS Mode 2

Southern California

Preparedness Level 2 Multi-Agency Coordination System MACS Mode 2

California Fire Potential & Weather Maps

Southern California 7 Day Significant Fire Potential

<http://psgeodata.fs.fed.us/7day/action/forecast/8>

Northern California 7 Day Significant Fire Potential

<http://psgeodata.fs.fed.us/7day/action/forecast/10>

California Fire Weather Map Watches and Warnings

<http://www.wrh.noaa.gov/firewx/main.php>

NWS California River Forecast Center:

<http://www.cnrfc.noaa.gov/>

No Significant Fire Activity to Report

CAL OES ACTIVATIONS

Cal EOC Incident – 2014 Drought

- The SOC is activated at Level 2 in support of the Drought State of Emergency from 0800-1700 hours daily.
- The Inland REOC is activated at Level 2 from 0800-1700 Monday through Friday or as needed.
- The Southern REOC is activated at Level 1.
- The Santa Barbara County OA EOC is activated at Level 2 to be handled by the duty officer for the purpose of monitoring activities and gaining situational awareness. The operational period is 0800-1700 hours.

SIGNIFICANT EVENTS / ACTIVITY

Cal EOC Incident – 2014 Drought

Situational Summary: (No Change)

- Strong winter storms hit California beginning Wednesday 2/26/14 through Sunday 3/2/14 bringing heavy rain and snow across the state. Both Northern and Southern California received significant rain, and the Sierra Nevada's gained substantial snowpack. Northern California continues to experience showers throughout the week. Even with this significant precipitation, the state continues to be in a severe drought. Reservoir levels remain low despite these recent storms. The drought could result in severe impacts to municipal water supplies, wells, agriculture (plants and livestock) and firefighting capabilities for several months. The State Operations Center (SOC) continues to be activated to monitor the situation statewide, and support regional and local operational areas.
- The Drought Task Force leaders traveled to Merced for another of its local meetings on Tuesday, 3/4/14. The Taskforce continues to meet weekly to take actions that conserve water and coordinate state response to the drought.
- Fifteen counties and four Native American tribes have proclaimed a local state of emergency as a result of the drought. The California Public Utilities Commission regulates all for-profit water utilities in the state and has ordered private water utilities to implement 20% voluntary water use reductions.
- The recent snowpack survey conducted on 2/27/14, recorded California snowpack at 24% of normal. A more recent update using automated devices after the recent storm (March 6) shows snowpack at 33% of normal.
- DWR has announced that water essential for health and safety will be delivered through the state water project in spite of the zero allocation policy. Deliveries will be boosted if storms produce enough rain and snow to increase reservoir storage and the snow pack.

Cal EOC Incident – 2014 Drought (Cont.)

Situational Summary: (Cont.)

- On March 4th and 5th the Groundwater Resources Association of California held a conference at McClellan Park in Sacramento to discuss groundwater issues and water management and strategies addressing challenges of Sustainability and Drought in California. It was organized in cooperation with *The U.S. Society for Irrigation and Drainage Professionals* (USCID)
- Cal OES continues to gather drought-related costs from state agencies and local governments.

Cal EOC Incident – 2014 Drought (Cont.)

Current Conditions:

- Despite two large storms over the past three weeks, heavy rain and snow would have to fall throughout California very frequently from now until May to reach average annual rain and snowfall levels.
- Now more than two-thirds of the way through the rainy season, many areas in the northern part of the state are at least 15 inches short of average annual precipitation. So it would take more than a half an inch of rain from Redding to Fresno every other day until May to get back to average precipitation in the watersheds that supply most of California's drinking and irrigation water. Even with such precipitation, California would remain in drought conditions, due to low water supplies in reservoirs from the two previous dry years.

Current Drought Updates:

- 2014 Drought Response Report – Attached ([Update](#))

Declarations/Resolutions/Proclamations:

State:

01/17/14 – January 17, 2014, Governor Edmund G. Brown proclaimed a State of Emergency and directed state officials to take all necessary actions to prepare for these drought conditions.

Declarations/Resolutions/Proclamations: (Cont.)

County Declarations/Resolutions/Proclamations:

| Inland Region | | | |
|-----------------|-----------|--------------------------------|------------------------|
| County | | Request | Reaffirmation Received |
| Glenn | 1/30/2014 | State and Federal relief | |
| Kern | 1/14/2014 | Gubernatorial and Presidential | |
| Kings | 1/14/2014 | State and Federal assistance | |
| Madera | 1/28/2014 | No specific request | |
| Merced | 3/6/2014 | No specific request | |
| Modoc | 3/5/2014 | No specific request | |
| San Joaquin | 1/28/2014 | No specific request | 3/4/2014 |
| Sutter | 2/11/2014 | Gubernatorial and Presidential | |
| Tulare | 2/4/2014 | CDAA and Federal assistance | 3/3/2014 |
| Tuolumne | 2/4/2014 | CDAA and Federal assistance | |
| Yuba | 2/18/2014 | Gubernatorial and Presidential | |
| | | | |
| Coastal Region | | | |
| County | | Request | Reaffirmation Received |
| Lake | 3/6/2014 | CDAA and Federal assistance | |
| Mendocino | 1/7/2014 | No specific request | |
| Sonoma | 2/25/2014 | CDAA and Federal assistance | |
| Southern Region | | | |
| County | | Request | Reaffirmation Received |
| Inyo | 1/28/2014 | CDAA | |
| Santa Barbara | 1/17/2014 | No specific request | |



Declarations/Resolutions/Proclamations: (Cont.)

City / Tribe / Special District Declarations/Resolutions/Proclamations:

| Declarations/Resolutions/Proclamations | | |
|--|-----------|---|
| Inland Region | | |
| City/Tribe/Special District | | Request |
| Placer County Water Agency Placer | 2/6/2014 | Local conservation and funding measures |
| Twain Harte Community Services Dist Tuolumne | 1/29/2014 | Enact District conservation measures |
| Tule River Tribe Tulare | 1/30/2014 | Enact Tribal emergency authorities |
| Lake Don Pedro Community Services Dist. Mariposa | 2/18/2014 | Declare a Stage I Water Emergency |
| Karuk Tribe Siskiyou, Humboldt | 2/18/2014 | Enact Tribal emergency authorities |
| Mariposa Public Utility District | 2/4/2014 | Enact District conservation measures |
| Coastal Region | | |
| City/Tribe/Special District | | Request |
| Hoopa Valley Tribe Humboldt | 1/20/2014 | Enact Tribal emergency authorities |
| Yurok Tribe Del Norte, Humboldt | 1/29/2014 | Enact Tribal emergency authorities |
| City of Willits Mendocino | 1/7/2014 | Declare a Phase V Water Emergency |
| Brookside Township Mendocino | 1/7/2014 | |
| City of Calistoga Napa | 2/4/2014 | Declare a Stage II Water Emergency |
| City of St. Helena Napa | 1/28/2014 | Declare a Stage II Water Emergency |
| City of American Canyon Napa | 2/4/2014 | Declare a Stage I Water Emergency |
| | | |
| Southern Region | | |
| City/Tribe/Special District | | Request |
| Carpinteria Valley Water District | 2/12/2014 | Declare a Stage I Water Emergency |
| Meiners Oaks Water District | 3/4/2014 | Declare a Stage II Water Emergency |



Counties Which Have Established a Drought Task Force (DTF)

Information as of 3/4/14

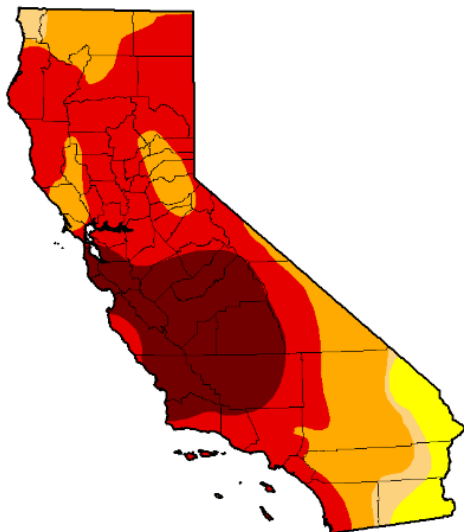
| County Drought Task Force Upcoming Meetings | | |
|---|-------------------|-------------------|
| Inland Region | | |
| County | Previous Meetings | Upcoming Meetings |
| Amador | 3/2/2014 | |
| Butte | 2/18/2014 | 5/19/2014 |
| Fresno | | 3/10/2014 |
| Madera | 2/18/2014 | 3/11/2014 |
| Merced | | 3/19/2014 |
| Modoc | 2/25/2014 | |
| Nevada | 1/22/2014 | 2/28/2014 |
| Placer | 2/19/2014 | 3/12/2014 |
| Plumas | 2/24/2014 | 3/17/2014 |
| Sacramento | 2/21/2014 | 3/7/2014 |
| San Joaquin | 2/19/2014 | 3/19/2014 |
| Siskiyou | 2/19/2014 | |
| Solano | | |
| Stanislaus | 3/3/2014 | 3/19/2014 |
| Sutter | | 3/13/2014 |
| Tehama | | |
| Tulare | | 3/10/2014 |
| Tuolumne | 2/28/2014 | 3/28/2014 |
| Coastal Region | | |
| County | Previous Meetings | Upcoming Meetings |
| Mendocino | 2/26/2014 | |
| Monterey | | |
| San Mateo | | 3/18/2014 |
| Santa Clara | 2/27/2014 | |
| Southern Region | | |
| County | Previous Meetings | Upcoming Meetings |
| San Luis Obispo | | 3/11/2014 |
| Santa Barbara | | 3/12/2014 |



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U.S. Drought Monitor

California



March 4, 2014


(Released Thursday March 6, 2014)

Valid 7 a.m. Eastern

| Week | Date | Nothing | D0-D4 | D1-D4 | D2-D4 | D3-D4 | D4 |
|------------------------|------------|---------|--------|-------|-------|-------|-------|
| Current | 3/4/2014 | 0.00 | 100.00 | 94.56 | 90.82 | 65.89 | 22.37 |
| Last Week | 2/25/2014 | 0.00 | 100.00 | 94.56 | 90.82 | 73.83 | 26.21 |
| 3 Months Ago | 12/3/2013 | 2.61 | 97.39 | 94.15 | 82.53 | 27.59 | 0.00 |
| Start of Calendar Year | 12/31/2013 | 2.61 | 97.39 | 94.25 | 87.53 | 27.59 | 0.00 |
| Start of Water Year | 10/1/2013 | 2.63 | 97.37 | 95.95 | 84.12 | 11.36 | 0.00 |
| One Year Ago | 3/5/2013 | 0.03 | 99.97 | 47.37 | 26.96 | 0.00 | 0.00 |


Intensity:

 D0 - Abnormally Dry

 D1 - Moderate Drought

 D2 - Severe Drought

 D3 - Extreme Drought

 D4 - Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying [text summary](#) for forecast statements.

Author(s):

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CAL OES MISSIONS

Drought Related Missions

- **2014-Inland-2185** Tuolumne County does not have a water master or any alternative resources to assist in determining the health of their ground water system. The County is requesting state agency expertise to assist with this determination.

New Cal OES Missions

- **2014-LAW-2473** AFRCC reported an ELT sounding in Mendocino County. The Cal OES Warning Center opened the mission, briefed and provided CAP IC contact info to the County SO (Warning Point).
- **2014-LAW-2470** International Emergency Rescue Coordination Center (IERCC) requested Cal OES to coordinate resources to locate a SPOT Device sounding in Inyo County. The Cal OES LDO coordinated resources with Inyo County who responded to a motorcycle accident not involving the registered owner of the device. The device was located and silenced. **Mission Closed**

Ongoing Cal OES Missions

- **2014-LAW-2462** Sacramento County Sheriff's Department is requesting cadaver K-9 teams (HRD) to assist in a possible homicide investigation. Cal OES LDO is coordinating resources for a search Friday (03/07/14) or Saturday (03/08/14).
- **2014-SREOC-2453** On 3/5/2014, San Bernardino County Fire OES is requesting communications support for Baker to Vegas Challenge Cup Relay on March 20, 2014. Cal OES T-Comm representative is coordinating the required resources.

CAL OES MISSIONS

Ongoing Cal OES Missions

- **2014-LAW-2401** 02/28/14, 1510 hours, Santa Cruz Sheriff's Department requested the assistance of the Santa Clara County Sheriff's Department historic human remains detection (HRD) K-9 Teams. Santa Clara County SO agreed to support the mission. LDO notified the Cal OES K-9 Coordinator of the resource request. The search is scheduled for 03/12/14.
- **2014-SOC-2111** Mission is to test the Cascadia Subduction Zone (CSZ) air bridge concept by air transporting 7 passengers from OES and 1 CANG logistics planner on 13 May 2014 from Mather to the State Staging Area (SA) in Redding, to one POD in Del Norte and one POD in Humboldt, to the Redding State SA, and return to Mather. Passengers will discuss actions at the Redding SA and at each OA POD while they are at each location. The air bridge is a critical component to CSZ response and recovery. It is imperative this concept is tested to ensure response teams can be successfully transported into the effected region and the affected Operational Areas' are able to receive aircraft at designated PODs.

UPCOMING EVENTS, TRAINING, EXERCISES

Diablo Canyon Power Plant, Rehearsal / Full Scale Exercise

Diablo Canyon Power Plant in San Luis Obispo will be hosting two full scale Hostile Action Based exercises this Spring. A dress rehearsal exercise will be held on April 16, 2014 and a FEMA evaluated exercise will held on May 21, 2014. This is part of the required biennial demonstration of our ability to protect the public from a radiological incident at the nuclear power plant.

2014 Golden Guardian

Planning is currently underway for the Governor's 2014 exercise series. The series will test the *California Cascadia Subduction Zone Earthquake and Tsunami Response Plan* developed by FEMA Region IX and Cal OES

- Logistics Rehearsal of Concept Drill - April 2, 2014
- REOC Communications Functional Exercise - March 27, 2014

The Tsunami Warning Communications Test

Live code, activating EAS will be on the North Coast in Del Norte, Humboldt, Mendocino Counties on Wednesday 3/26/14 (between 11:00 and Noon PDT).

- Del Norte County will be asking residents of the community to participate in a full evacuation exercise on March 26th between 1100 – 1300 hours PDT.



Mission:

We protect lives and property, build capabilities, and support our communities for a resilient California.

We achieve our mission by serving the public through effective collaboration in preparing for, protecting against, responding to, recovering from, and mitigating the impacts of all hazards and threats.